

****11/4/03 DRAFT****

**Fire Regime Condition Class (FRCC) Interagency Handbook
Reference Conditions**

Modeler: Doug Havlina

Date: 8/29/03

PNVG Code: CSAG2

Potential Natural Vegetation Group: Cool sagebrush (mountain big sagebrush) with Trees

Geographic Area: Pacific Northwest, Columbia Plateau, Northern Rockies, Great Basin.

Description: PNVG is commonly found at the upper elevations of the big sagebrush zone, sites are usually montane valleys, mountain slopes, and subalpine meadows. Mountain big sagebrush often occurs at ecotones with conifer forests and meadow habitats between 2500' and 9800' elevation. Soils are characterized as moderately well drained, typically having summer moisture from snowmelt or other sources. Common associates include quaking aspen, ponderosa pine, Douglas-fir, subalpine fir, and whitebark pine. Common woody species which encroach into cool sagebrush sites include pinyon pines, juniper species, ponderosa pine, Douglas-fir, lodgepole pine, subalpine fir, and white fir.

Fire Regime Description: Fire Regime Groups III (35-100+ year, mixed severity), and IV (35-100+, stand replacement).

Vegetation Type and Structure

Class	Percent of Landscape	Description
A: post replacement	20	Post-fire community of mountain forbs, grasses, and sprouting shrubs
B: mid-development closed	20	Mid-seral, dense (>15%) canopy cover sagebrush stands with understory of mountain forbs and grasses. Sapling to pole sized encroaching conifers present.
C: mid- open	35	Mid-seral, open (<15%) sagebrush community with perennial grasses and forbs in interspaces. Sapling to pole sized encroaching conifers present.
D: late- open	15	Late-seral, open (<15%) sagebrush community with mixed shrub/herbaceous community.

E: late- closed	10	Scattered conifers/junipers on rocky sites. Late-seral, closed (>15%) sagebrush community, noticeable dead component, with mixed shrub/herbaceous community. Scattered conifers/junipers on rocky sites.
Total	100	

Fire Frequency and Severity

Fire Frequency- Severity	Modeled Probability	Pct, All Fires	Description
Replacement Fire	.02	40	Replacement fire in stages A, B, D and E
Non-Replacement Fire	.03	60	Mosaic fire in stages B, C, and D
All Fire Frequency*	.05	100	

*Sum of replacement fire and non-replacement fire probabilities.

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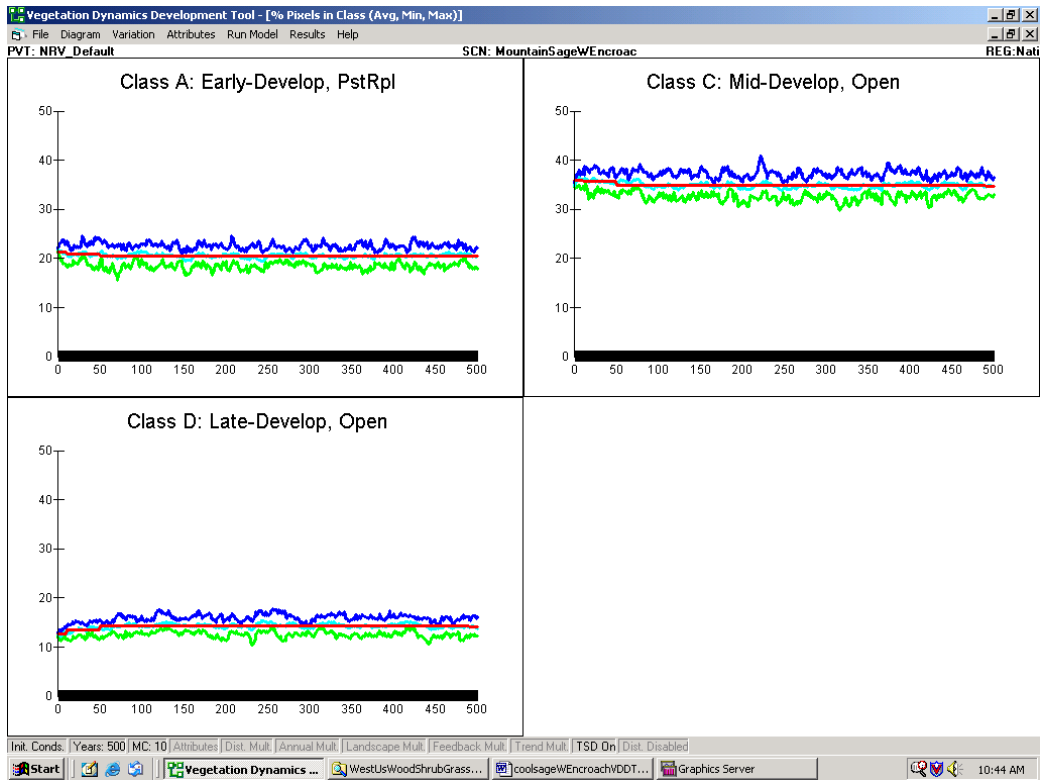
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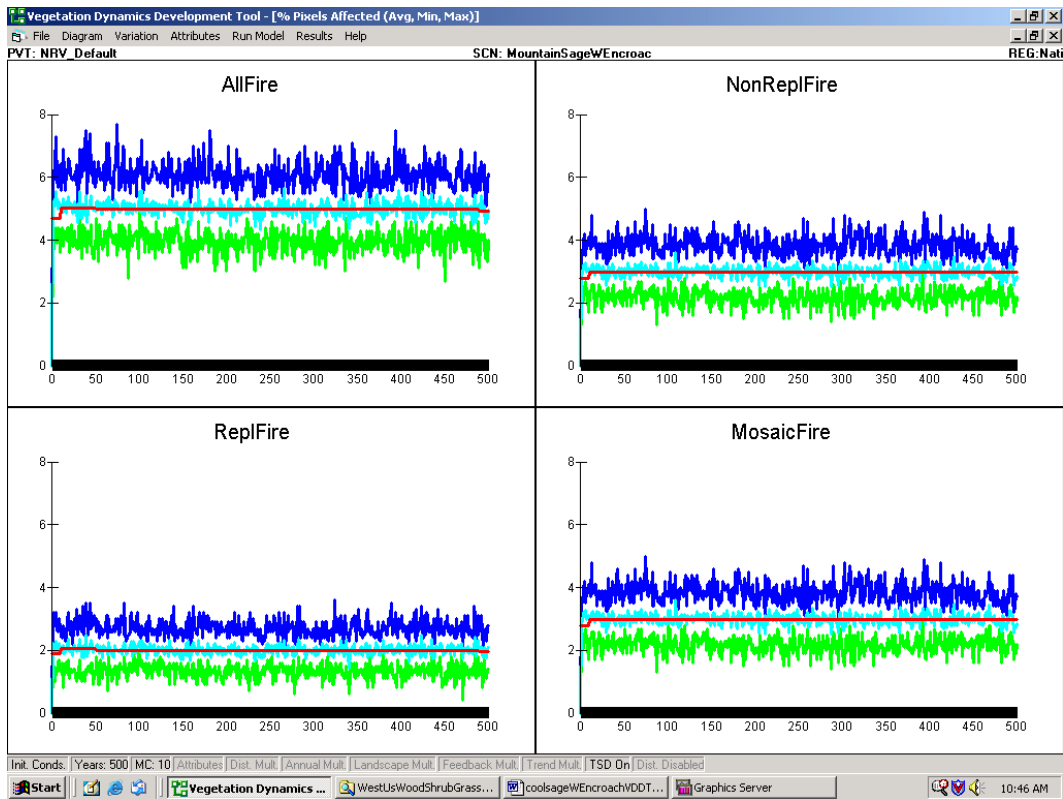
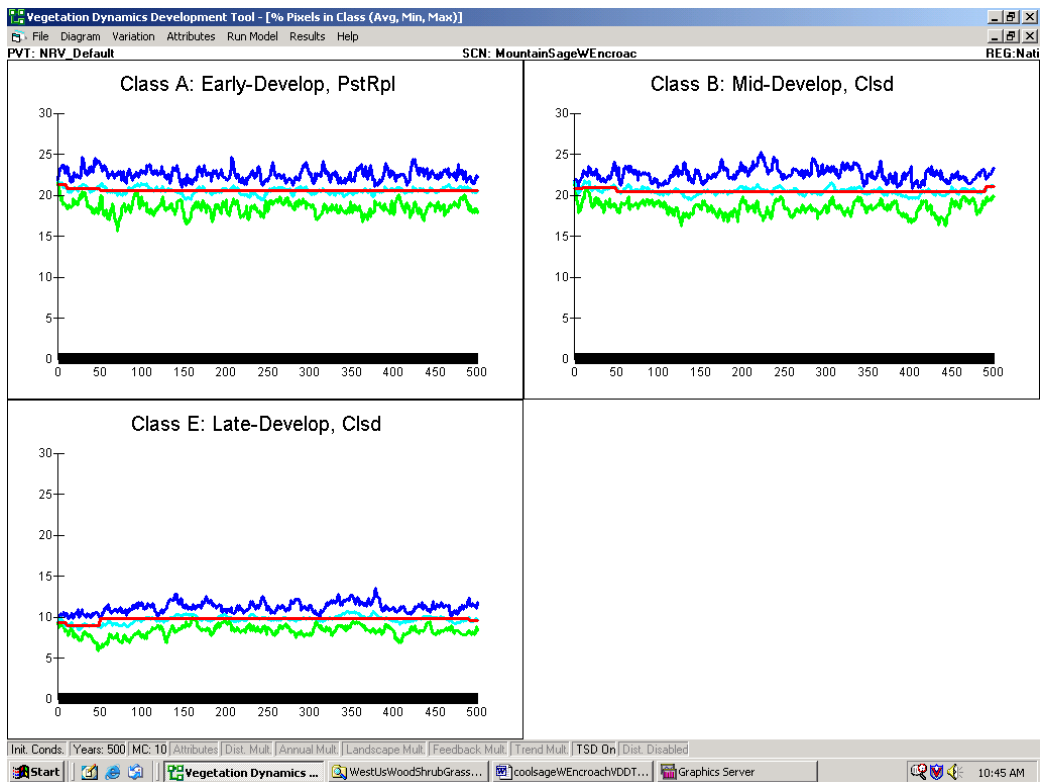
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VDDT Results





Photographs:
Landscape CC1

Landscape CC2

Landscape CC3

Landscape-Current

Landscape-Historical

Class A – Early Development

Class B – Mid-Development Closed

Class D – Late Development Open

Class C – Mid-Development Open

Class E – Late Development Closed